

Claims

1 1. A swim lift platform for attachment to a transom of a boat comprising:
2 a movable member having a pair of spaced apart generally vertically
3 extended side structures and a generally horizontal platform supported at the lower end of
4 said side structure;
5 a mounting structure adapted to be fixed to the transom of a boat;
6 a first pair of parallel spaced guide means on said mounting structure;
7 a second pair of parallel spaced guide means on said movable member and being
8 complementary to and engagable with said first guide means to support said movable
9 member for vertical sliding movement between a storage position in which said platform
10 is above water level when said boat is floating in water and a lower position in which said
11 platform is submerged;
12 hydraulic actuator means acting between said mounting structure and said
13 movable member for moving said movable member between said storage and lower
14 positions; and
15 control means for actuating said hydraulic actuator means, said control
16 means being accessible to an operator standing on said platform.

1 2. The swim lift platform of claim 1 wherein said hydraulic actuator means is a
2 double acting hydraulic actuator for raising and for lowering said platform.

1 3. The swim lift platform of claim 1 wherein said first pair of guide means are
2 formed by a pair of flange portions on said mounting structure and said second pair of

3 guide means are formed by a pair of channel members slidably receiving said pair of
4 flange portions of said first pair of guide means.

1 4. The swim lift platform of claim 1 wherein said flange portions extend away
2 from each other and wherein said channel members each have opening portions facing
3 each other said open portions receiving said pair of flange portions of said moveable
4 member.

1 5. The swim lift platform of claim 1 wherein said moveable member has a
2 forward wall connected to said guide means to said platform for movement as a unit
3 between said first and second positions.

1 6. The swim lift platform of claim 5 wherein said hydraulic actuator means is
2 afforded forward of said wall.

1 7. The swim lift platform of claim 1 wherein said mounting structure has a
2 transverse vertical wall where said first pair of guide means are formed by flanges spaced
3 parallel to each other and relative to said transverse wall and extending away from each
4 other.

1 8. The swim lift platform of claim 7 wherein said transverse wall of said
2 mounting structure is parallel to the forward wall formed by said moveable member
3 wherein said walls form a chamber therebetween to house said hydraulic cylinder.

1 9. The swim lift platform of claim 5 wherein said forward wall of said moveable
2 member is formed with steps.

1 10. The swim lift platform of claim 1 wherein said guide structures form hand
2 gripping surfaces for use by a user standing on said platform.